

In the Claims

1. (Once amended) A method of treating excess weight in a mammal by continuous administration of 1 mg protein/kg body weight/day or less of an OB protein selected from the group consisting of:

- A2*
- (a) recombinant methionyl murine OB protein [SEQ. ID. No. 2]);
 - (b) recombinant methionyl human OB protein [(SEQ ID No. 1)];
 - (c) the protein of (a) or (b) lacking the methionyl residue at position -1;
 - (d) the protein of (a), (b) or (c) lacking a glutamine at position 28; and
 - (e) a chemically modified derivative of (a), (b), (c) or (d).

A3

8. (Once amended) A DNA sequence according to SEQ ID No. [3] 4.

11. (Once amended) A method of refolding partially purified OB protein in a solution obtained from inclusion bodies, said partially purified OB protein selected from the group consisting of:

- A4*
- (a) recombinant methionyl murine OB protein (SEQ. ID. No. [2] 3);
 - (b) recombinant methionyl human OB protein (SEQ ID No. [1] 6);
 - (c) the protein of (a) or (b) lacking the methionyl residue at position -1;
- wherein said refolding is accomplished using N-lauroyl sarcosine.

Please charge any fees associated herewith to Deposit Account 01-0519 and consider this a petition therefore if appropriate.

Respectfully submitted,



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